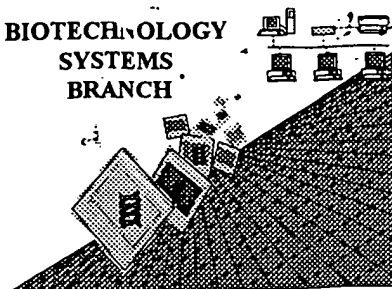


## RAW SEQUENCE LISTING ERROR REPORT

BIOTECHNOLOGY  
SYSTEMS  
BRANCH



#7  
#6  
DL

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: 09/787,714  
Source: PCR/09  
Date Processed by STIC: 8/1/2001

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.

PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:

- 1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,
- 2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY

FOR CRF SUBMISSION QUESTIONS, PLEASE CONTACT MARK SPENCER, 703-308-4212.

FOR SEQUENCE RULES INTERPRETATION, PLEASE CONTACT ROBERT WAX, 703-308-4216.

PATENTIN 2.1 e-mail help: [patin21help@uspto.gov](mailto:patin21help@uspto.gov) or phone 703-306-4119 (R. Wax)

PATENTIN 3.0 e-mail help: [patin3help@uspto.gov](mailto:patin3help@uspto.gov) or phone 703-306-4119 (R. Wax)

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE CHECKER VERSION 3.0 PROGRAM, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW:

### Checker Version 3.0

The Checker Version 3.0 application is a state-of-the-art Windows based software program employing a logical and intuitive user-interface to check whether a sequence listing is in compliance with format and content rules. Checker Version 3.0 works for sequence listings generated for the original version of 37 CFR §§1.821 - 1.825 effective October 1, 1990 (old rules) and the revised version (new rules) effective July 1, 1998 as well as World Intellectual Property Organization (WIPO) Standard ST.25.

Checker Version 3.0 replaces the previous DOS-based version of Checker, and is Y2K-compliant. Checker allows public users to check sequence listings in Computer Readable form (CRF) before submitting them to the United States Patent and Trademark Office (USPTO). Use of Checker prior to filing the sequence listing is expected to result in fewer errored sequence listings, thus saving time and money.

Checker Version 3.0 can be down loaded from the USPTO website at the following address:

<http://www.uspto.gov/web/offices/pac/checker>

PCT09

RAW SEQUENCE LISTING  
 PATENT APPLICATION: US/09/787,714

DATE: 08/01/2001  
 TIME: 18:36:45

Input Set : A:\es.txt  
 Output Set: N:\CRF3\08012001\I787714.raw

Does Not Comply  
 Corrected Diskette Needed

3 <110> APPLICANT: Descamps, Valerie  
 4 Klarszinsky, Olivier  
 5 Barbeyron, Tristan  
 6 Cloarec, Bernard  
 7 Fritig, Bernard  
 8 Joubert, Jean-Marie  
 9 Plesse, Bertrand  
 10 Yvin, Jean-Claude  
 12 <120> TITLE OF INVENTION: Endofucanases and Method Using Same for Preparing Fuco-  
 oligosaccharides  
 13 from Fucanes, Bacterium Producing Endofucanases and Uses of Fuco-  
 14 oligosaccharides for Plant Protection  
 16 <130> FILE REFERENCE: 32976-256844  
 18 <140> CURRENT APPLICATION NUMBER: US 09/787,714  
 19 <141> CURRENT FILING DATE: 2001-03-21  
 21 <150> PRIOR APPLICATION NUMBER: PCT/FR99/02243  
 22 <151> PRIOR FILING DATE: 1999-09-21  
 24 <160> NUMBER OF SEQ ID NOS: 6  
 26 <170> SOFTWARE: PatentIn version 3.0  
 28 <210> SEQ ID NO: 1  
 29 <211> LENGTH: 1474  
 30 <212> TYPE: DNA  
 31 <213> ORGANISM: Unknown  
 33 <220> FEATURE:  
 34 <223> OTHER INFORMATION: Gram-negative rod bacterium  
 36 <220> FEATURE:  
 37 <221> NAME/KEY: Unsure  
 38 <222> LOCATION: (112)..(112) (12)..(12) *in at location 1/2*  
 39 <223> OTHER INFORMATION: "n" = a or g or c or t/u, unknown, or other  
 42 <220> FEATURE:  
 43 <221> NAME/KEY: Unsure  
 44 <222> LOCATION: (1124)..(1124)  
 45 <223> OTHER INFORMATION: "n" = a or g or c or t/u, unknown, or other  
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 51 ggtagagaga gcttgctttt cttgagaccg ggcgacgggt gcgtaacgcg ttacaatct 120  
 53 gcctcttact gcgggatagc ccagagaaat ttggattaat atcgcatagc ataacgaccc 180  
 55 cgcattgggat gttattaaag gttacggtaa gagatgagta tgcgtttctat tagctagatg 240  
 57 gagtggtaac ggcacacccat ggcaacgata gataggggcc ctgagagggg gatccccac 300  
 59 actggtactg agacacggac cagactccta cgggaggcag cagtgaggaa tattggacaa 360  
 61 tggaggcaac tctgatccag ccattgccgcg tgcaggaaga cggccctatg ggttgtaaac 420  
 63 tgcttttata cgggaagaaa caccgctacg tgtagccttt gacggtaccg taagaataag 480  
 65 gatcggctaa ctccgtgccg gcagccgcg taatacggag gatccaagcg ttatccggaa 540  
 67 tcattgggtt taaagggtcc gtagtggtatg attaatgcag aggtgaaatc ctgccgctca 600  
 69 acggtagaat tgcctttgat actggttatc ttgaatcaat gtgaagtggg tagaatatgt 660  
 71 agtgtagcgg tgaaatgcat agatattaca tagaatacca attgcgaagg cagatcacta 720  
 73 acattgtatt gacactgatg gacgaaagcg tggggagcga acaggattag ataccctggg 780  
 75 agtccacgcc gtaaaccgat gatactagct gttcggattt atctgagtgg ctaagcgaaa 840

## RAW SEQUENCE LISTING

DATE: 08/01/2001

PATENT APPLICATION: US/09/787,714

TIME: 18:36:45

Input Set : A:\es.txt

Output Set: N:\CRF3\08012001\I787714.raw

77 gtgataagta tcccacctgg ggagtagctt cgcaagaatg aaactcaaag gaattgacgg 900  
 79 gggcccgcac aagcggtgga gcatgtggtt taattcgatg atacgcgagg aaccttacca 960  
 81 gggcttaaat gtagattgca ttaggtggag acacttattt cttcggacca tctacaaggt 1020  
 83 gctgcatggt tgcgtcagc tcgtgccgtg aggtgtcagg ttaagtcta taacgagcgc 1080  
 85 aacccccgtt gttagttgcc agcgagtc atgctgggaact ctancaagac tgccagtgca 1140  
 87 aactgtgagg aaggtgggga tgacgtcaaa tcatcacggc cttacgtcc tgggctacac 1200  
 89 acgtgctaca atggtaggga cagagagcag ccactgggcg accaggagcg aatctataaa 1260  
 91 ccctatcaca gttcgggatcg gagtctgcaa ctgcactccg tgaagctgga atcgctagta 1320  
 93 atcgcatatc agccatgatg cgggtgaatac gttcccgggc cttgtacaca ccgcccgtca 1380  
 95 agccatggaa gctgggagtg cctgaagtcc gtcaccgcaa ggagcggcct agggtaaaat 1440  
 97 cggtaaactag ggctaagtcg taacaagggtg tccg 1474  
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 102 <212> TYPE: PRT  
 103 <213> ORGANISM: Unknown  
 105 <220> FEATURE:  
 106 <223> OTHER INFORMATION: Gram-negative rod bacterium  
 108 <400> SEQUENCE: 2  
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 111 1 5 10 15  
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 114 <211> LENGTH: 18  
 115 <212> TYPE: PRT  
 116 <213> ORGANISM: Unknown  
 118 <220> FEATURE:  
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 121 <400> SEQUENCE: 3  
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 124 1 5 10 15  
 126 Gly Lys  
 129 <210> SEQ ID NO: 4  
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 131 <212> TYPE: PRT  
 132 <213> ORGANISM: Unknown  
 134 <220> FEATURE:  
 135 <223> OTHER INFORMATION: Gram-negative rod bacterium  
 137 <400> SEQUENCE: 4  
 139 Ile Thr Val Asp His Val Ala Gly Phe Thr Asn Leu Trp Asn Gly Ala  
 140 1 5 10 15  
 142 Pro  
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 146 <211> LENGTH: 203  
 147 <212> TYPE: DNA  
 148 <213> ORGANISM: Unknown  
 150 <220> FEATURE:  
 151 <223> OTHER INFORMATION: Gram-negative rod bacterium  
 153 <400> SEQUENCE: 5  
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 156 tcacctatac ttaatcttac cgatggaaaa ggatcattcg cctataatta tactttgcaa 120

## RAW SEQUENCE LISTING

DATE: 08/01/2001

PATENT APPLICATION: US/09/787,714

TIME: 18:36:45

Input Set : A:\es.txt

Output Set: N:\CRF3\08012001\I787714.raw

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158 ttaggaaccg attattatga ttttgaaggt gatgcactta ctattactaa aacatcagga      180
160 cctgattggc tcaccattca aca                                           203
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164 <211> LENGTH: 67
165 <212> TYPE: PRT
166 <213> ORGANISM: Unknown
168 <220> FEATURE:
169 <223> OTHER INFORMATION: Gram-negative rod bacterium
171 <400> SEQUENCE: 6
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174 1          5          10          15
176 Pro Val Trp Ser Ser Pro Ile Leu Asn Leu Thr Asp Gly Lys Gly Ser
177          20          25          30
179 Phe Ala Tyr Asn Tyr Thr Leu Gln Leu Gly Thr Asp Tyr Tyr Asp Phe
180          35          40          45
182 Glu Gly Asp Ala Leu Thr Ile Thr Lys Thr Ser Gly Pro Asp Trp Leu
183          50          55          60
185 Thr Ile Gln
186 65

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## VERIFICATION SUMMARY

PATENT APPLICATION: US/09/787,714

DATE: 08/01/2001

TIME: 18:36:46

Input Set : A:\es.txt

Output Set: N:\CRF3\08012001\I787714.raw

L:49 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1

L:85 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1